

Claims

[c1] I Claim: A method for capturing surplus microbial heat from compost, comprising of: a. forced aeration system to move fresh air through the compost, providing oxygen for the microbes, and removing excess heat from the compost, With the forced air, after it has passed through the hot compost being routed through the primary side of a heat exchanger, drains located at all low points of the air ducts and said heat exchanger, to enable draining off condensate from the cooling of the off gas, to prevent the condensate from flooding the system and blocking the air flow, means of adjusting the rate of air flow through the compost, to enable matching cooling caused by the forced aeration to the rate that the microbes are generating surplus metabolic heat.